

515 simulator for receiving the right pulse signal and generating a pressure pulse discernible by touch,  
1-6 a second tactile pulse simulator for receiving the [right] left pulse signal and generating a pressure  
7 pulse discernible by touch and an audio simulator for receiving the correlated heart beat signal and  
8 recreating the heart beat to be heard through a stethoscope.

### New Claims

Sub D17  
1 8. The apparatus of claim 1, wherein the tactile pulse simulator comprises a tactile switch,  
2 collapsible tube apparatus or piezoelectric transducer.

1 9. The apparatus of claim 1, wherein the tactile pulse simulator and the audio simulator are  
2 housed within a housing.

1 10. The apparatus of claim 9, wherein the tactile pulse simulator comprises a resilient cover  
2 covering a tactile switch.

1 11. The apparatus of claim 9, wherein the tactile pulse simulator and the audio simulator are  
2 housed within a housing, where the housing comprises a simulated an upper part of a human body  
3 including a simulated chest portion and simulated arm portion.

1 12. The apparatus of claim 10, wherein the tactile pulse simulator is located in the arm portion  
2 at a wrist portion corresponding to a location used by medical professionals to detect and monitor  
3 a patient's pulse and the audio simulator is located within the chest portion.

1 13. The apparatus of claim 12, wherein the tactile pulse simulator comprises a resilient cover  
2 covering a tactile switch.

1 14. The apparatus of claim 1, wherein the tactile pulse simulator is within in a first housing and  
2 the audio simulator is within a second housing.

1 15. The apparatus of claim 11, wherein the first housing simulates a human wrist and the tactile  
2 pulse simulator comprises a resilient cover covering a tactile switch and is located at a position in

3 the wrist corresponding to a position in a patient where a pulse is detected and monitored by a  
4 medical professional.

1 16. The apparatus of claim 2, wherein the tactile pulse simulators comprise tactile switches,  
2 collapsible tube apparatuses or piezoelectric transducers.

1 17. The apparatus of claim 2, wherein the tactile pulse simulators and the audio simulator are  
2 housed within a housing, where the housing comprises a simulated an upper part of a human body  
3 including a simulated chest portion, a simulated right arm portion and a simulated left arm portion.

1 18. The apparatus of claim 17, wherein the right pulse tactile pulse simulator is located in the  
2 right arm portion at a right wrist portion corresponding to a location used by medical professionals  
3 to detect and monitor a patient's right pulse, the left pulse tactile pulse simulator is located in the left  
4 arm portion at a left wrist portion corresponding to a location used by medical professionals to detect  
5 and monitor a patient's left pulse and the audio simulator is located within the chest portion.

1 19. The apparatus of claim 18, wherein the tactile pulse simulators comprise a resilient cover  
2 covering a tactile switch.

1 20. An apparatus for simulating a right side pulse and a left side pulse and correlated heart beat  
2 of a human, the apparatus comprising:

3 a housing including:

4 a simulated upper human body portion having:

5 a chest portion,

6 a right arm portion, and

7 a left arm portion;

8 a playback device for generating a first electronic signal corresponding to the right side pulse,  
9 a second electronic signal corresponding to the left side pulse and a third electronic signal  
10 corresponding to a correlated heart beat;

11 a first tactile pulse simulator for receiving the right pulse signal and generating a pressure  
12 pulse discernible by touch, where the first tactile pulse simulator is located at an lower inner arm

13 position in the right arm of the housing so that the right pulse can be felt;

14 a second tactile pulse simulator for receiving the left pulse signal and generating a pressure  
15 pulse discernible by touch, where the second tactile pulse simulator is located at an inner wrist  
16 position in the left arm of the housing; and

17 an audio simulator for receiving the heart beat signal and generating an audible recreation  
18 of the correlated heart beat, where the audio simulator is located in the chest portion of the housing  
19 so that the heart beat can be heard through a stethoscope position on a surface of the chest portion  
20 of the housing.

1 21. The apparatus of claim 20, wherein the tactile pulse simulators comprise tactile switches,  
2 collapsible tube apparatuses or piezoelectric transducers.

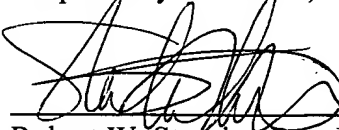
1 22. The apparatus of claim 20, wherein the tactile pulse simulators and the audio simulator are  
2 housed within a housing, where the housing comprises a simulated an upper part of a human body  
3 including a simulated chest portion, a simulated right arm portion and a simulated left arm portion.

1 23. The apparatus of claim 22, wherein the right pulse tactile pulse simulator is located in the  
2 right arm portion at a right wrist portion corresponding to a location used by medical professionals  
3 to detect and monitor a patient's right pulse, the left pulse tactile pulse simulator is located in the left  
4 arm portion at a left wrist portion corresponding to a location used by medical professionals to detect  
5 and monitor a patient's left pulse and the audio simulator is located within the chest portion.

1 24. The apparatus of claim 23, wherein the tactile pulse simulators comprise a resilient cover  
2 covering a tactile switch.

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Respectfully submitted,



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